

Human LY6G5C (Lymphocyte antigen 6 complex locus protein G5c) ELISA Kit | LY6G5C elisa kit

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CATALOG #
AAA250772

REACTIVITY
Human

PRODUCT SYNONYMS

LY6G5C (Lymphocyte antigen 6 complex locus protein G5c); Human LY6G5C (Lymphocyte antigen 6 complex locus protein G5c) ELISA Kit; Lymphocyte antigen 6 complex locus protein G5c; LY6G5C; LY6G5C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of LY6G5C. No significant cross-reactivity or interference between LY6G5C and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for LY6G5C elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	262118212
NCBI GeneID	80741
NCBI Accession #	NP_079538.3
NCBI GenBank Nucleotide #	NM_025262.3
UniProt Accession #	Q5SRR4; O95871; Q5SQ59; Q8NDY0; Q8NDY1; A6NCW4; B0UXB3; B0UXB4; B0UZ69; B0UZQ0; B1B0L9
Molecular Weight	16,650 Da

NCBI Official Full Name	lymphocyte antigen 6 complex locus protein G5c
NCBI Official Synonym Full Names	lymphocyte antigen 6 complex, locus G5C
NCBI Official Symbol	LY6G5C
NCBI Official Synonym Symbols	G5C; NG33; C6orf20; LY6G5CA; LY6G5CB
NCBI Protein Information	lymphocyte antigen 6 complex locus protein G5c; lymphocyte antigen-6 G5C
UniProt Protein Name	Lymphocyte antigen 6 complex locus protein G5c
UniProt Gene Name	LY6G5C
UniProt Synonym Gene Names	C6orf20; G5C; NG33
UniProt Entry Name	LY65C_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/ly6g5c-lymphocyte-antigen-6-complex-locus-protein-g5c/250772>